

1 ABSTRACT

2 The present invention provides a sample chamber for a centrifugal permeameter for
3 testing permeant conductivity of a porous sample, the sample chamber comprising a rigid outer
4 sleeve; a resilient inner sleeve mountable over the sample and within the rigid outer sleeve;
5 fluid inlet means for introducing fluid between the inner and outer sleeves; sealing means acting
6 between the inner and outer sleeves for maintaining the fluid therebetween; a porous top
7 member for mounting over a top face of the sample and supplying the permeant to the sample,
8 the top being movable with the sample to maintain a radially outward permeant force on the
9 sample as the sample is being spun in the centrifugal permeameter; a permeant supply for
10 supplying the permeant to the porous top; and, a permeant accumulator for receiving and
11 accumulating permeant which has passed through the sample.

12 [TOR_LAW5540893\1]
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